

LISTING OF CLAIMS AND VERSION OF

CLAIMS WITH MARKINGS TO SHOW CHANGES MADE

1. (Currently Amended) A cooperative advance warning system for use on a vehicle to warn drivers of oncoming vehicles of an upcoming, unexpected road hazard comprising:

a lamp mounted on ~~[[the]]~~ said vehicle in addition to standard lights found on a vehicle in a location where light emitted by said lamp is visible to drivers of the oncoming vehicles;

a switch means connected to said lamp for activating and deactivating said lamp, said switch means mounted to the vehicle in a location that is easily accessible to the driver of the vehicle; and

an electronic control means connected to said lamp for controlling the characteristics of the light emitted by said lamp, said electronic control means being capable of causing said lamp to flash on and off at a pre-determined frequency, said predetermined frequency being variable in proportion ~~to depending on~~ the length of time said lamp has been activated.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (New) A cooperative advance warning system for use on a vehicle to cooperate with drivers of oncoming vehicles to communicate a warning to the drivers of the oncoming vehicles to beware of the presence of an upcoming, unexpected road hazard comprising:

a lamp mounted on the vehicle in a location where light emitted by said lamp is visible to drivers of the oncoming vehicles;

a switch means connected to said lamp for activating and deactivating said lamp, said switch means mounted to the vehicle in a location that is easily accessible to the driver of the vehicle; and

an electronic control means connected to said lamp for controlling the characteristics of the light emitted by said lamp, said electronic control means being capable of causing said lamp to flash on and off at a pre-determined frequency, said electronic control means being capable of varying said predetermined frequency in proportion to the length of time said lamp has been activated.

19. (New) A cooperative advance warning system according to claim 18, wherein said electronic control means comprises means to automatically deactivate said lamp after a pre-

determined period of time following activation.

20. (New) A cooperative advance warning system according to claim 18, wherein said electronic control means is capable of varying said pre-determined frequency inversely proportional to the length of time said lamp has been activated.

21. (New) A cooperative advance warning system according to claim 18, wherein said pre-determined frequency comprises a cadence.

22. (New) A cooperative advance warning system according to claim 18, wherein said electronic control means further comprises means to maintain said pre-determined frequency or cadence at a particular value for an indefinite period.

23. (New) A cooperative advance warning system according to claim 18, further comprising an in-use indicator light connected to said switch means and to said electronic control means for indicating to the driver of the vehicle when the cooperative advance warning system is operating.

24. (New) A cooperative advance warning system according to claim 18, wherein the colour of light emitted by said lamp is selected from the group of colours consisting of fuchsia and pink.

25. (New) A cooperative advance warning system according to claim 18, for use on a vehicle having brake lights, further comprising:

a connection between said electronic control means and the vehicle brake lights,

said electronic control means being capable of causing the vehicle brake lights to flash on and off at a high frequency upon activation of the advance warning system.

26. (New) A cooperative advance warning system according to claim 18, further

comprising:

a rear-facing warning light mounted on the rear of the vehicle; and

a connection between said electronic control means and said rear-facing warning light,

said electronic control means being capable of causing said rear-facing warning light to flash on and off at a high frequency upon activation of the advance warning system.

27. (New) A cooperative advance warning system according to claim 25, wherein the vehicle brake lights remain flashing on and off only for a pre-determined period of time following activation of the advance warning system.

28. (New) A cooperative advance warning system according to claim 26, wherein said rear-facing warning light remains flashing on and off only for a pre-determined period of time following activation of the advance warning system.

29. (New) A cooperative advance warning system according to claim 18, for use on a vehicle having brake lights, further comprising:

a connection between said electronic control means and the vehicle brake lights,

said electronic control means being capable of causing the vehicle brake lights and said lamp to flash on and off at a high frequency upon activation of the advance warning system,

said switch having a first mode for activating and deactivating said lamp only, and a second mode for activating and deactivating both said lamp and the vehicle brake lights.

30. (New) A cooperative advance warning system according to claim 18, further comprising:

a rear-facing warning light mounted on the rear of the vehicle; and
a connection between said electronic control means and said rear-facing warning light,
said electronic control means being capable of causing said rear-facing warning light
to flash on and off at a high frequency upon activation of the advance warning system,
said switch having a first mode for activating and deactivating said lamp only, and a
second mode for activating and deactivating both said lamp, and said rear-facing warning
light.

31. (New) A cooperative advance warning system according to claim 28, further
comprising:

a rear-facing warning light mounted on the rear of the vehicle; and
a connection between said electronic control means and said rear-facing warning light,
said electronic control means being capable of causing said rear-facing warning light
to flash on and off at a high frequency upon activation of the advance warning system.

32. (New) A cooperative advance warning system according to claim 26, wherein the
vehicle brake lights remain flashing on and off only for a pre-determined period of time following
activation of the advance warning system.

33. (New) A cooperative advance warning system according to claim 31, wherein the
vehicle brake lights remain flashing on and off only for a pre-determined period of time following
activation of the advance warning system.

34. (New) A cooperative advance warning system according to claim 31, wherein said
rear-facing warning light remains flashing on and off only for a pre-determined period of time
following activation of the advance warning system.

35. (New) A cooperative advance warning system according to claim 29, further comprising:

a rear-facing warning light mounted on the rear of the vehicle; and
a connection between said electronic control means and said rear-facing warning light, said electronic control means being capable of causing said rear-facing warning light to flash on and off at a high frequency upon activation of the advance warning system, said switch having a first mode for activating and deactivating said lamp only, and a second mode for activating and deactivating both said lamp, and said rear-facing warning light.